

Title (en)

LED device with voltage-limiting unit and shunt current-limiting resistance

Title (de)

LED-Vorrichtung mit Spannungsbegrenzungseinheit und Querstrombegrenzungswiderstand

Title (fr)

Dispositif DEL avec unité de limitation de tension et résistance de limitation de courant de dérivation

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Application

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Abstract (en)

The present invention provides a LED device with the voltage-limiting unit and the shunt current-limiting resistance wherein a voltage-limiting unit is connected in series with a current-limiting resistance then connected in parallel with two ends of a LED, so that to constitute the light-emitting unit, thereby when plural of the light-emitting units are connected in series (including connected in series and parallel), the current of LED loaded with higher end voltage passing through the voltage-limiting unit is prevented to be overly high when subject to abnormal high voltage.

IPC 8 full level

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